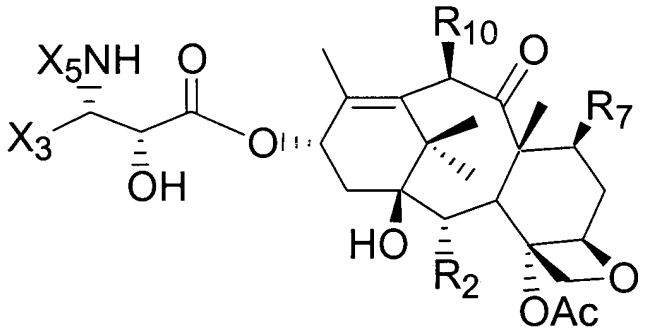
IN THE CLAIMS:

1. (currently amended) A method of inhibiting tumor growth in a mammal, said method comprising ~~orally~~ administering a therapeutically effective amount of a composition comprising at least one pharmaceutically acceptable carrier and a taxane having the formula



wherein

X_3 is isopropyl, isobutenyl, cyclopropyl, cyclobutyl, **cyclopentyl,** 2-thienyl, 3-thienyl, 2-furyl, 3-furyl, 2-pyridyl, 3-pyridyl, **or** 4-pyridyl ~~**or p-nitrophenyl**~~;

X_5 is $-COX_{10}$ and X_{10} is 2-furyl, 2-thienyl, 3-pyridyl, 4-pyridyl, n-propyl, butenyl or isobutenyl;

R_2 is benzoyloxy;

R_7 is hydroxy;

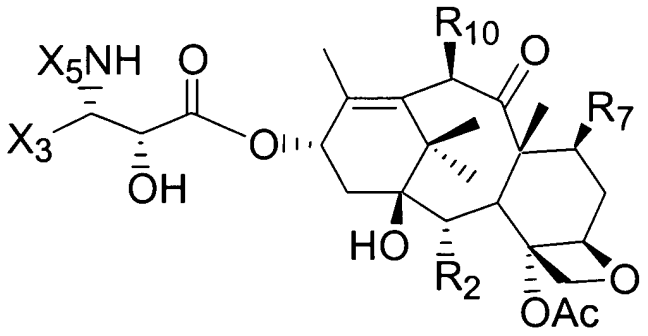
R_{10} is $R_{10a}OCOO-$; and

R_{10a} is methyl or ethyl.

2. (original) The method of claim 1 wherein X_3 is 2-thienyl or 3-thienyl.

3. (original) The method of claim 1 wherein X_3 is 2-furyl or 3-furyl.

4. (currently amended) A method of inhibiting tumor growth in a mammal, said method comprising ~~orally~~ administering a therapeutically effective amount of a composition comprising at least one pharmaceutically acceptable carrier and a taxane having the formula



wherein

X_3 is 2-furyl~~, 3-furyl~~ or 2-thienyl ~~or 3-thienyl~~;

X_5 is $-COX_{10}$ and X_{10} is trans-propenyl or isopropyl;

R_2 is benzoyloxy;

R_7 is hydroxy;

R_{10} is $R_{10a}OCOO-$; and

R_{10a} is ~~methyl or~~ ethyl.

5. (original) The method of claim 4 wherein X_3 is 2-furyl ~~or 3-furyl~~.

6. (original) The method of claim 4 wherein X_3 is 2-thienyl ~~or 3-thienyl~~.

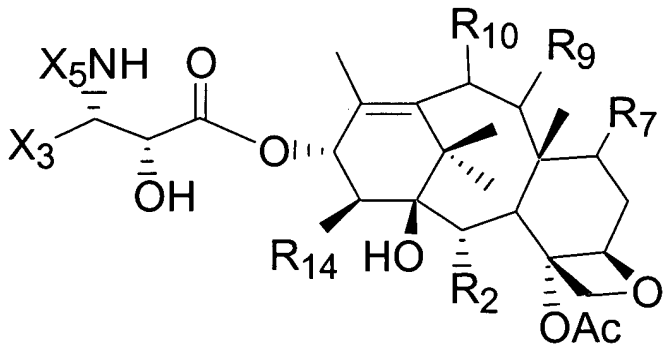
7. (cancelled) The method of claim 4 wherein R_{10a} is ethyl.

8. (cancelled) The method of claim 7 wherein X_3 is 2-furyl or 3-furyl.

9. (cancelled) The method of claim 7 wherein X_3 is 2-thienyl or 3-thienyl.

10. (original) The method of claim 4 wherein X_5 is $-COX_{10}$ and X_{10} is trans-propenyl.

11. (original) A method for preparing a pharmaceutical composition comprising mixing at least one nonaqueous, pharmaceutically acceptable solvent and a taxane having the formula



wherein

R_2 is acyloxy;

R_7 is hydroxy;

R_9 is keto, hydroxy, or acyloxy;

R_{10} is carbonate;

R_{14} is hydrido or hydroxy;

X_3 is heterocyclo;

X_5 is $-COX_{10}$, $-COOX_{10}$, or $-CONHX_{10}$;

X_{10} is hydrocarbyl, substituted hydrocarbyl, or heterocyclo; and

Ac is acetyl.

12. (original) The method of claim 11 wherein X_3 is 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl or 4-pyridyl.

13. (original) The method of claim 11 wherein R_{10} is $R_{10a}OCOO-$ and R_{10a} is methyl or ethyl.

14. (original) The method of claim 11 wherein X_5 is $-COX_{10}$ and X_{10} is substituted or unsubstituted phenyl, 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl, 4-pyridyl, C_1 - C_8 alkyl, C_2 - C_8 alkenyl, or C_2 - C_8 alkynyl, or X_5 is $-COOX_{10}$ and X_{10} is substituted or unsubstituted C_1 - C_8 alkyl, C_2 - C_8 alkenyl, or C_2 - C_8 alkynyl.

15. (original) The method of claim 11 wherein X_3 is 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl or 4-pyridyl, R_{10} is $R_{10a}OCOO$- and R_{10a} is methyl or ethyl.

16. (original) The method of claim 11 wherein X_3 is 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl or 4-pyridyl, X_5 is $-COX_{10}$ and X_{10} is substituted or unsubstituted phenyl, 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl, 4-pyridyl, C_1 - C_8 alkyl, C_2 - C_8 alkenyl, or C_2 - C_8 alkynyl, or X_5 is $-COOX_{10}$ and X_{10} is substituted or unsubstituted C_1 - C_8 alkyl, C_2 - C_8 alkenyl, or C_2 - C_8 alkynyl.

17. (original) The method of claim 11 wherein R_{10} is $R_{10a}OCOO$- and R_{10a} is methyl or ethyl, X_5 is $-COX_{10}$ and X_{10} is substituted or unsubstituted phenyl, 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl, 4-pyridyl, C_1 - C_8 alkyl, C_2 - C_8 alkenyl, or C_2 - C_8 alkynyl, or X_5 is $-COOX_{10}$ and X_{10} is substituted or unsubstituted C_1 - C_8 alkyl, C_2 - C_8 alkenyl, or C_2 - C_8 alkynyl.

18. (original) The method of claim 11 wherein X_3 is 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl or 4-pyridyl, R_{10} is $R_{10a}OCOO$-, R_{10a} is methyl or ethyl, X_5 is $-COX_{10}$ and X_{10} is substituted or unsubstituted phenyl, 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl, 4-pyridyl, C_1 - C_8 alkyl, C_2 - C_8 alkenyl, or C_2 - C_8 alkynyl, or X_5 is $-COOX_{10}$ and X_{10} is substituted or unsubstituted C_1 - C_8 alkyl, C_2 - C_8 alkenyl, or C_2 - C_8 alkynyl.

19. (original) The method of claim 11 wherein X_3 is 2-furyl or 3-furyl.

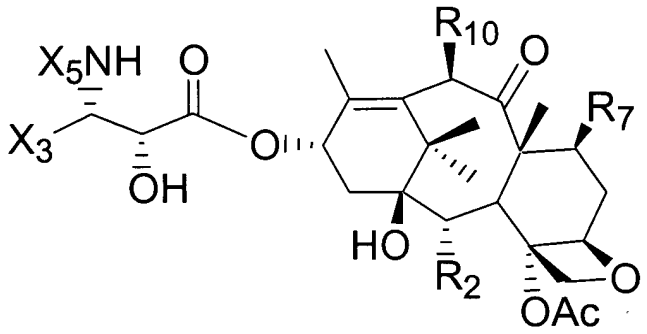
20. (original) The method of claim 11 wherein X_3 is 2-thienyl or 3-thienyl.

21. (original) The method of claim 13 wherein X_3 is 2-furyl, 3-furyl, 2-thienyl or 3-thienyl.

22. (original) The method of claim 14 wherein X_3 is 2-furyl, 3-furyl, 2-thienyl or 3-thienyl.

23. (original) The method of claim 18 wherein X_3 is 2-furyl, 3-furyl, 2-thienyl or 3-thienyl.

24. (currently amended) A taxane having the formula



wherein

X_3 is isopropyl, isobutenyl, cyclopropyl, cyclobutyl, **cyclopentyl,** 2-thienyl, 3-thienyl, 2-furyl, 3-furyl, 2-pyridyl, 3-pyridyl, **or** 4-pyridyl ~~**or p-nitrophenyl**~~;

X_5 is $-COX_{10}$ and X_{10} is 2-furyl, 2-thienyl, 3-pyridyl, 4-pyridyl, n-propyl, butenyl or isobutenyl;

R_2 is benzoyloxy;

R_7 is hydroxy;

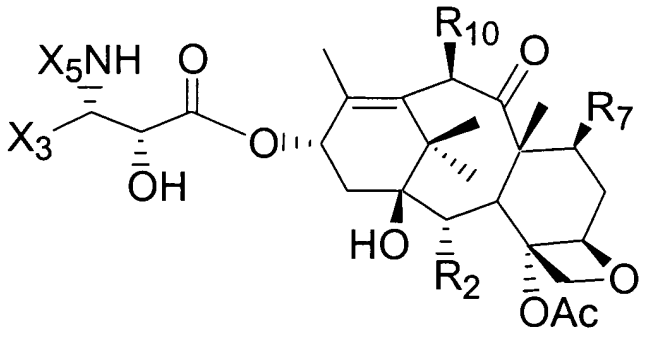
R_{10} is $R_{10a}OCOO-$; and

R_{10a} is methyl or ethyl.

25. (original) The taxane of claim 24 wherein X_3 is 2-thienyl or 3-thienyl.

26. (original) The taxane of claim 24 wherein X_3 is 2-furyl or 3-furyl.

27. (currently amended) A taxane having the formula



wherein

X_3 is 2-furyl~~, 3-furyl~~ or 2-thienyl ~~or 3-thienyl~~;

X_5 is $-COX_{10}$ and X_{10} is trans-propenyl or isopropyl;

R_2 is benzoyloxy;

R_7 is hydroxy;

R_{10} is $R_{10a}OCOO-$; and

R_{10a} is ~~methyl or~~ ethyl.

28. (original) The taxane of claim 27 wherein X_3 is 2-furyl ~~or 3-furyl~~.

29. (original) The taxane of claim 27 wherein X_3 is 2-thienyl ~~or 3-thienyl~~.

30. (cancelled) The taxane of claim 27 wherein R_{10a} is ethyl.

31. (original) The taxane of claim 27 wherein X_5 is $-COX_{10}$ and X_{10} is trans-propenyl.

32. (cancelled) The taxane of claim 30 wherein X_3 is 2-furyl or 3-furyl.

33. (cancelled) The taxane of claim 30 wherein X_3 is 2-thienyl or 3-thienyl.